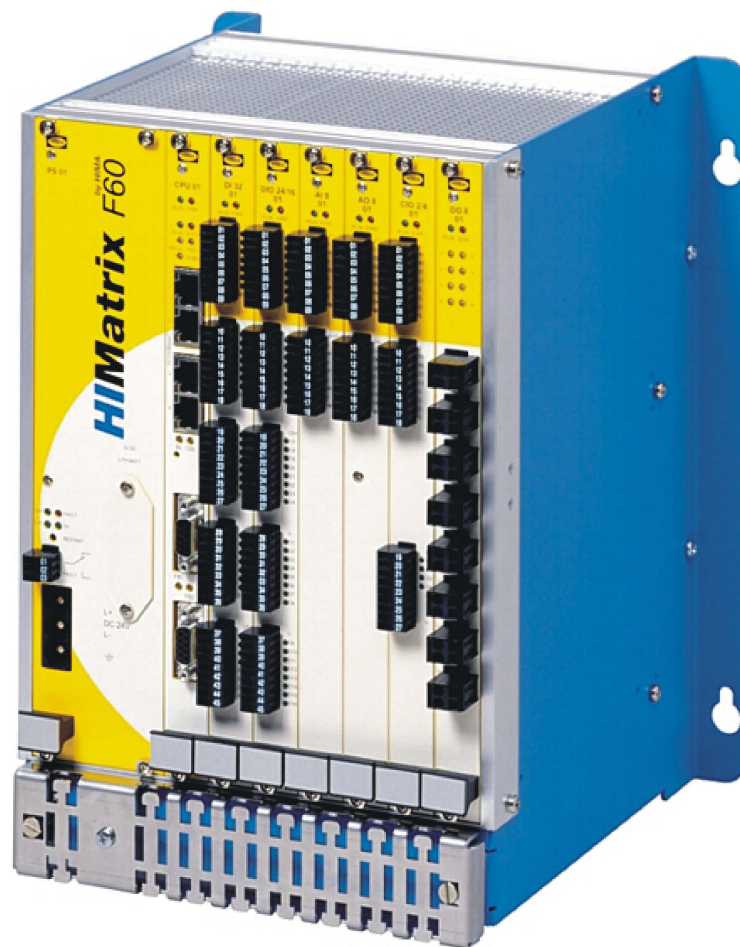


# HIMatrix

Safety-Related Controller

CPU 03 Manual



HIMA Paul Hildebrandt GmbH + Co KG  
Industrial Automation

### 3.5 Product Data

General	
Total program and data memory for all application programs	5 MB less 64 kBytes for CRCs
Response time	≥ 6 ms
Ethernet interfaces	4 x RJ-45, 10/100BaseT (at 100 Mbit/s) with integrated switch
Fieldbus Interfaces	2 x 9-pole D-sub FB1 and FB2 with fieldbus submodule pluggable
Operating Voltage	24 VDC, -15 %...+20 %, $r_{PP} \leq 15 \%$ , provided by a power supply unit with safe isolation in accordance with IEC 61131-2 requirements.
Operating data	3.3 VDC / 1.5 A 5 VDC / 0.1 A
Buffer for date/time	Gold capacitor
Ambient temperature	0 °C...+60 °C
Storage temperature	-40 °C...+85 °C
Space requirement	6 RU, 4 HP
Weight	280 g

Table 12: Product Data

### 3.6 Certified HIMatrix F60 CPU 03

HIMatrix F60 CPU 03	
CE	EMC
TÜV	IEC 61508 1-7:2010 up to SIL 3 IEC 61511:2004 EN ISO 13849-1:2008 IEC 62061:2005 EN 50156-1:2004 EN 298:2003 EN 230:2005
PROFIBUS Nutzerorganisation (PNO)	Test Specification for PROFIBUS DP Slave, Version 3.0 November 2005

Table 13: Certificates

Further safety standards and application standards are specified in the certificate. The certificate and the EC Type-Examination Certificate are available on the HIMA website at [www.hima.com](http://www.hima.com).